

Tutorial of Diesel Sprays

High-Speed Schlieren Movies of Diesel Sprays

High-speed movies of non-vaporizing, vaporizing, and reacting diesel sprays were obtained by Jeff Naber and Dennis Siebers using a high-speed color film camera. The Schlieren technique marks the outer boundary of the spray. Bright soot luminosity is also collected by the camera.

The following links demonstrate how various parameters affect diesel sprays:

[Comparison of Vaporizing and Non-vaporizing Sprays](#)

[Comparison of Vaporizing and Combusting Sprays](#)

[Effect of Ambient Density on Combusting Sprays](#)

[Effect of Ambient Temperature on Combusting Sprays](#)

[Effect of Injection Pressure on Combusting Sprays](#)

[Effect of Nozzle Size on Combusting Sprays](#)

*For further information, contact Web Grand Pooh-Bar
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